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Attorney Docket No. 0918.0097C

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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DEC 30 2003

In re application of Yu-Jih Liu, et al.

Serial No.: 10/024,146 ✓

Examiner: Unknown

Technology Center 2600

Filed: December 21, 2001

Art Unit: Unknown

For: Method and Apparatus for On Demand Multicast and Unicast Using Controlled Flood Multicast Communications

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)**

Pursuant to the duty imposed by 37 C.F.R. §1.56 to disclose information which may be material to the patentability of the above-identified patent application, the Applicant(s) would like to direct the Examiner's attention to the documents listed on the enclosed Information Disclosure Citation Form (PTO/SB/08). In accordance with this duty of disclosure, Applicant(s) hereby submits the following information in conformance with 37 C.F.R. §§1.97 and 1.98.

- ☒ Pursuant to 37 C.F.R. §1.98, a copy of each document cited in the attached Form PTO/SB/08 is enclosed.
- ☐ The subject Information Disclosure Statement is being filed without copies of the listed U.S. Patents and/or U.S. patent application publications pursuant to the waiver of the requirement under 37 C.F.R. §1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of the listed foreign patent documents and/or non-patent literature are enclosed herewith.
- ☐ No copies of the publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No. _____ to which the above-identified application claims priority under 35 U.S.C. §120.

- ☐ Publication(s) _____ listed on the attached Form PTO/SB/08A were cited in a foreign search or examination report corresponding to _____ application serial no. _____ and mailed on _____.
- ☐ Enclosed is a copy of a non-English publication(s) _____. Pursuant to §609 of the M.P.E.P., Applicant submits the attached foreign search or examination report, which cites such non-English language publication(s).
- ☐ Enclosed is a copy of a non-English publication(s) _____. English language publication _____ (copy enclosed) claims priority from this non-English publication.
- ☐ Enclosed is an explanation of non-English publication(s) _____ for which an English translation is not available.
- ☐ Enclosed is an English translation of non-English publication(s) _____ cited in the attached Form PTO/SB/08A.
- ☐ Enclosed is a copy of pending patent Application Serial No. _____.

This Information Disclosure Statement is filed within any one of the following time periods:

- ☐ within three months from the filing date of this national application other than a CPA under 37 C.F.R. § 1.53(d);
- ☐ within three months from the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in this international application;
- ☒ before the mailing date of a first office action on the merits; or
- ☐ before the mailing of a first office action after the filing of a request for continued examination under 37 C.F.R. § 1.114.

The Commissioner is hereby authorized to charge payment of any fees required for the above-identified application or credit any overpayment to Deposit Account No. 05-0460.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08A to the undersigned.

Dated: 12/24/2023

EDELL, SHAPIRO & FINNAN, LLC
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(301) 424-3640

Respectfully submitted by
EDELL, SHAPIRO & FINNAN, LLC

By: Stuart B. Shapiro
Stuart B. Shapiro
Reg. No. 40,169

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PTO/SB/08A (08-00)

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

| | |
|----------------------|-------------------|
| Application Number | 10/024,146 |
| Filing Date | December 21, 2001 |
| First Named Inventor | Yu-Jih Liu |
| Group Art Unit | Unknown |
| Examiner Name | Unknown |

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Sheet 2 of 3

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OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|---|----------------|
| | | ADJIH, C. et al.; "Link State Routing in Wireless Ad-Hoc Networks"; MILCOM Proceedings; October 2003; pages 1-6. | |
| | | HENDERSON, T.R. et al.; "A Wireless Interface Type for OSPF"; MILCOM Proceedings; October 2003; pages 1-6. | |
| | | CAIN, J.B. et al.; "A Link Scheduling and Ad Hoc Networking Approach Using Directional Antennas"; MILCOM Proceedings; October 2003; pages 1-6. | |
| | | MACKER, J.P. et al.; "A Study of Link State Flooding Optimizations for Scalable Wireless Networks"; MILCOM Proceedings; October 2003; pages 1-6. | |
| | | HSU, J. et al.; "Performance of Mobile Ad Hoc Networking Routing Protocols in Realistic Scenarios"; MILCOM Proceedings; October 2003; pages 1-6. | |
| | | CLAUSEN, T. et al.; "Optimized Link State Routing Protocol (OLSR)"; Internet RFC/STD/FYI/BCP Archives; Project Hipercom, INRIA; October 2003; 75 pages. | |
| | | QAYYUM, A. et al.; "Multipoint relaying: An efficient technique for flooding in mobile wireless networks"; March 2000; 18 pages. | |
| | | CLAUSEN, T. et al.; "Optimized Link State Routing Protocol"; Internet Draft; July 1, 2002; 55 pages. | |
| | | JACQUET, P. et al.; "Increasing Reliability in Cable-Free Radio LANs Low Level Forwarding in HIPERLAN"; Wireless Personal Communications, Vol. 4, 1996; pages 51-63. | |
| | | CORSON, M.S. et al.; "An Internet MANET Encapsulation Protocol (IMEP) Specification"; Internet Draft; August 7, 1999; 37 pages. | |
| | | JACQUET, P. et al.; "Optimized Link State Routing Protocol for Ad Hoc Networks"; Hipercom Project, INRIA; 2001 IEEE; pages 62-68. | |

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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

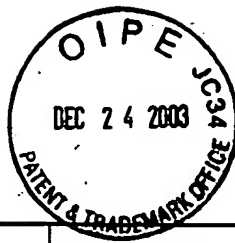
¹ Unique citation designation number.

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PTO/SB/08A (08-00)

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| Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | <i>Complete if Known</i> | | |
| | | | Application Number | 10/024,146 | |
| | | | Filing Date | December 21, 2001 | |
| | | | First Named Inventor | Yu-Jih Liu | |
| | | | Group Art Unit | Unknown | |
| Examiner Name | Unknown | | | | |
| Sheet | 3 | of | 3 | Attorney Docket Number | 0918.0097C |

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| OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS | | | |
|---|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ³ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁴ |
| | | European Telecommunication Standard; "Radio Equipment and Systems (RES); High Performance Radio Local Area Network (HIPERLAN) Type 1; Functional specification; ETSI; October 1996; pages 1-111. | |
| | | VIENNOT, L.; "Complexity Results on election of Multipoint Relays in Wireless Networks"; INRIA; December 1998; pages 1-12. | |
| | | JACQUET, P. et al.; "Optimized Link State Routing Protocol"; Internet Draft; November 18, 1998; 17 pages. | |
| | | CORSON, M.S.; "An Internet MANET Encapsulation Protocol (IMEP) Specification"; Internet Draft; November 26, 1997; 18 pages. | |
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